

TECHNICAL EXHIBIT

TECHNICAL EXHIBIT
IN SUPPORT OF
A PETITION FOR RULE MAKING
TO AMEND THE FM TABLE OF ALLOTMENTS
APACHE JUNCTION, PEORIA, BUCKEYE, WENDEN AND AGUILA, ARIZONA

Technical Narrative

This technical narrative and associated exhibits have been prepared on behalf of FM station KVVA-FM (herein "Petitioner") in support of a Petition for Rule Making ("Petition") to amend Section 73.202(b) by the reallocation of channel 296C3 from Apache Junction, Arizona to Peoria, Arizona, reclassification from Class C3 to C1 and the modification of the license of KVVA-FM on channel 296C3 at Apache Junction, Arizona, accordingly (BLH-19961025KB). As the requested change to channel 296C1 at Peoria is mutually exclusive with the present allotment of channel 296C3 at Apache Junction, Petitioner invokes the provisions of Section 1.420(i).

As part of this Petition, the licensee of KDVA on channel 295A at Buckeye, Arizona requests the upgrade of KDVA to channel 295C3 and the reallocation from Buckeye, Arizona to Wenden, Arizona as that community's first local aural service. In order to provide a replacement service at Buckeye, the licensee of KLNZ on channel 278C at Glendale, Arizona requests the reallocation of channel 278C from Glendale to Buckeye and the modification of KLNZ's license accordingly. Furthermore, Petitioner also requests the substitution of channel 229C3 for vacant channel 297C3 at Aguila, Arizona.

The following is a summary of the reallocation proposal:

- The city of Peoria, Arizona (2000 Census population 108,364) will be provided with its first local aural transmission service.
- The proposal will not remove the only local service at Apache Junction, Arizona (2000 population 31,814), as Class D AM station KCKY at Coolidge, Arizona (2000 Census population 7,786 persons) has filed a major change application to change its city of license from Coolidge to Apache Junction. Coolidge will not be deprived of its sole local service as noncommercial educational FM station KCOO

is currently authorized to operate on channel 210C at Coolidge.

- The number of persons within the KVVA-FM 1 mV/m contour will increase from 1,500,995 persons to 3,128,906 persons, and there will be a "net" increase in 1 mV/m coverage to 1,539,118 persons.
- Although Peoria is located partially within the Phoenix-Mesa Urbanized area as defined by the 2000 U.S. Census, as detailed elsewhere in this Petition it is believed that Peoria warrants a first local service preference.
- Wenden, Arizona (CDP, 2000 Census population 556) will be provided with its first local aural transmission service and Buckeye town, Arizona (2000 population 6,537) will not be deprived of its sole existing local service as KLNZ on channel 278C at Glendale, Arizona will be reallocated from Glendale to Buckeye. Furthermore, Glendale city, Arizona, (2000 Census population 218,812) will not be deprived of its sole existing service as FM station KKFR on channel 222C and fulltime AM station KPXQ on 1360 kHz are assigned to Glendale.
- Channel 229C3 will be substituted for vacant channel 297C3 at Aguila, AZ.
- The loss area is considered to be well-served.

Proposed Change in Table of Allotments

Station KVVA-FM is currently licensed (BLH-19961025KB) to operate on channel 296C3 at Apache Junction, Arizona with an effective radiated power (ERP) of 23.5 kW and an antenna height above average terrain (HAAT) of 102 meters. Apache Junction city is located in Pinal County, Arizona and has a 2000 U.S. Census population of 31,814 persons. Apache Junction currently has no other local FM or AM services. However, the proposal will not remove the only local service at Apache Junction as licensed (BL-19840709AD) Class D AM station KCKY at Coolidge, Arizona (2000 Census population 7,786 persons) has filed a major change application to change its city of license from Coolidge to Apache Junction. Furthermore, Coolidge will not be deprived of its sole local service as noncommercial educational FM station KCOO is currently authorized to operate on channel 210C at Coolidge (BPED-19990830MA).

Peoria city, Arizona is located in Maricopa and Yavapai Counties and has a 2000 U.S. Census population of 108,364 persons. Peoria has no local FM or AM service and, therefore, Petitioner's proposal would bring first local aural broadcast service to Peoria.

Station KDVA is currently licensed (BLH-19980814KB) to operate on channel 295A at Buckeye, Arizona with an ERP of 6 kW and an HAAT of 93 meters. In order to effectuate the channel 296C1 allotment at Peoria, the licensee of KDVA on channel 295A at Buckeye, Arizona requests the upgrade of KDVA to channel 295C3 and the reallocation from Buckeye, Arizona to Wenden, Arizona as that community's first local aural service. Buckeye town is located in Maricopa County and has a 2000 U.S. Census population of 6,537 persons. Although Buckeye has no other local FM or AM services, it will not be deprived of its sole existing local service as KLNZ on channel 278C at Glendale, Arizona will be reallocated from Glendale to Buckeye. Furthermore, Glendale city, which is located in Maricopa County and has a 2000 Census population 218,812, will not be deprived of its sole existing service as FM station KKFR on channel 222C and fulltime AM station KPXQ on 1360 kHz are assigned to Glendale.

Wenden CDP, Arizona is located in La Paz County and has a 2000 U.S. Census population of 556 persons. Wenden has no local FM or AM service and, therefore, Petitioner's proposal would bring first local aural broadcast service to Peoria.

Channel 297C3 is currently a vacant, unapplied for, allotment at Aguila, Arizona. In order to effectuate the channel 296C1 allotment at Peoria, it is proposed to substitute channel 229C3 for channel 297C3 at Aguila, Arizona.

<u>City</u>	<u>Present</u>	<u>Proposed</u>
Aguila, Arizona	297C3	229C3
Apache Junction, Arizona	296C3	--
Buckeye, Arizona	295A	278C
Glendale, Arizona	222C, 278C	222C
Peoria, Arizona	--	296C1
Wenden Arizona	--	295C3

Compliance With FCC Rules

The attached Figure 1A is a tabulation of required separations pertinent to use of channel 296C1 at Peoria. The reference site complies with the Commission's minimum distance separation requirements contained in section 73.207 to all existing, authorized and proposed stations and allotments except for short-spacings with a pending application for KKMR on channel 293C3 Arizona City, Arizona, a channel 293C allotment reservation for KKMR at Arizona City, Arizona, KDVA on channel 295A at Buckeye, Arizona and vacant channel 297C3 at Wenden, Arizona. Each short-spacing is addressed below.

The KKMR application (BPH-20000323ACA) was amended on December 12, 2000 to a site which is fully-spaced to the proposed KVVA allotment site at Peoria. In addition, a review of the FCC's CDBS as well as the "old" FM database indicates that the channel 293C allotment reservation for KKMR at Arizona City, Arizona is incorrect and should be a reservation for channel 293C3. With respect to KDVA, as part of this Petition the licensee of KDVA proposes the upgrade of KDVA to channel 295C3 and the reallocation from Buckeye to Wenden, Arizona which will eliminate this short-spacing. Finally, the short-spacing with the vacant channel 297C3 allotment at Aguila will be eliminated by the substitution of channel 229C3 for channel 297C3. Operation from the allotment reference site will provide the requisite city grade signal to all of Peoria.¹

¹ The Peoria reference site is an existing tower (tower registration number 1002936).

Figure 1B is a map showing the area to locate channel 296C1 at Peoria in compliance with the Commission's minimum distance separation requirements and city coverage requirements based on maximum Class C1 facilities (ERP 100 kW/HAAT 299 m). The Peoria city limits shown on Figure 1B were obtained from a map contained in the 2000 U.S. Census of Population.

Pursuant to Section 1.420(i), the Commission will consider petitions to modify the license/construction permit of an FM station to specify a new community if the proposed allotment would be mutually exclusive with the present assignment. As the entire area to locate for channel 296C1 at Peoria depicted on Figure 1B would be short-spaced to the licensed KVVA-FM operation on channel 296C3, including the channel 296C1 reference site, the new allotment is mutually exclusive with the existing allotment.

In order to effectuate the channel 296C1 allotment at Peoria, the licensee of KDVA proposes the upgrade of KDVA from channel 295A to channel 295C3 and the reallocation from Buckeye to Wenden, Arizona. The attached Figure 2A is a tabulation of required separations pertinent to use of channel 295C3 at Wenden. The reference site complies with the Commission's minimum distance separation requirements contained in section 73.207 to all existing, authorized and proposed stations and allotments except for a short-spacing with a vacant channel 241A allotment at Salome, Arizona. However, the vacant channel 241A allotment at Salome was modified to channel 270A as a result of the Report and Order in MM Docket No. 01-345. Operation from the allotment reference site will provide the requisite city grade signal to all of Wenden.

Figure 2B is a map showing the area to locate channel 295C3 at Wenden in compliance with the Commission's minimum distance separation requirements and city coverage requirements based on maximum Class C3 facilities (ERP 25 kW/HAAT 100 m). The Wenden city limits shown on Figure 2B were

obtained from a map contained in the 2000 U.S. Census of Population.

Pursuant to Section 1.420(i), the Commission will consider petitions to modify the license/construction permit of an FM station to specify a new community if the proposed allotment would be mutually exclusive with the present assignment. As the entire area to locate for channel 295C3 at Wenden depicted on Figure 2B would be short-spaced to the licensed KDVA operation on channel 295A, including the channel 295C3 reference site, the new allotment is mutually exclusive with the existing allotment.

Buckeye, Arizona will not be deprived of its sole existing local service as KLNZ on channel 278C at Glendale, Arizona will be reallocated from Glendale to Buckeye. No change in KLNZ's presently licensed transmitter site is proposed (BMLH-19980406KB). The attached Figure 3A is a tabulation of required separations pertinent to use of channel 278C at Wenden from the licensed KLNZ transmitter site. The licensed KLNZ transmitter site complies with the Commission's minimum distance separation requirements contained in section 73.207 to all existing, authorized and proposed stations and allotments.

Figure 3B is a map demonstrating that operation of KLNZ on channel 278C at Buckeye will comply with the FCC's city coverage requirements. Specifically, Figure 3B depicts the 70 dBu contours for KLNZ based on its licensed facilities (ERP 62 kW/HAAT 740 meters) and presuming uniform terrain (FCC allotment stage requirement) and actual terrain (FCC application stage requirement). As shown, operation from the licensed KLNZ site will provide the requisite city grade signal to all of Buckeye. The Buckeye city limits shown on Figure 3B were obtained from a map contained in the 2000 U.S. Census of Population.

Pursuant to Section 1.420(i), the Commission will consider petitions to modify the license/construction permit of an FM station to specify a new community if the proposed

allotment would be mutually exclusive with the present assignment. As there will be no change in the KNLZ transmitter site or channel (278C) the new allotment is mutually exclusive with the existing allotment.

In order to effectuate the channel 296C1 allotment at Peoria, it is proposed to substitute channel 229C3 for vacant channel 297C3 at Aguila, Arizona. Figure 4A is a tabulation of separations pertinent to use of channel 229C3 at Aguila. The geographic coordinates for the channel 229C3 reference point are also the geographic coordinates for the reference point for the vacant channel 297C3 allotment at Aguila. The channel 229C3 allotment reference point complies with the Commission's minimum distance separation requirements contained in Section 73.207 to all existing, authorized and proposed stations and allotments except for a short-spacing with KWSG on channel 231C3 at Wickenburg, Arizona. However, the FCC substituted channel 242C for channel 231C3 at Wickenburg and modified the license of KSWG accordingly by the Report and Order in MM Docket No. 01-345 (effective June 3, 2002). Operation from the allotment reference site will provide the requisite city grade signal to all of Aguila.

Figure 4B is a map showing the area to locate channel 229C3 at Aguila in compliance with the Commission's minimum distance separation requirements and city coverage requirements based on maximum Class C3 facilities (ERP 25 kW/HAAT 100 m). The Aguila city limits shown on Figure 4B were obtained from a map contained in the 2000 U.S. Census of Population.

Urbanized Area Considerations

Both Apache Junction and Peoria are located partially within the Phoenix-Mesa Urbanized area. The proposed 70 dBu contour for the proposed channel 296C1 operation at Peoria will encompass 96.7% of the Phoenix-Mesa Urbanized Area. Furthermore, the reference point of Peoria is located approximately 21 kilometers northwest of the reference point of

Phoenix and 42 kilometers west-northwest of the reference point of Mesa.²

Gain and Loss Areas and Available Aural Services

Figure 5, attached, is a map showing the FM 1 mV/m primary service contours for the licensed KVVA-FM operation on channel 296C3 at Apache Junction, the proposed KVVA-FM channel 296C1 allotment at Peoria, the licensed KDVA operation on channel 295A at Buckeye and the proposed KDVA channel 295C3 allotment at Wenden. Maximum facilities for each class and uniform terrain were utilized. The 1 mV/m "gain" and "loss" areas are also indicated.

It is noted that there will be no change in KLNZ's presently licensed site or facilities (channel 278C, ERP 62 kW/HAAT 740 m). In addition, there will be no change in the Aguila allotment reference site or Class (C3). Therefore, there will be no loss or gain in reception service for the proposed KLNZ operation on channel 278C at Buckeye or for the proposed substitution of channel 229C3 for channel 297C3 at Aguila.

Figure 6, attached, is a map showing the FM 1 mV/m primary service contours for the licensed KVVA-FM operation on channel 296C3 at Apache Junction, the proposed channel 296C1 allotment at Peoria, the licensed KDVA operation on channel 295A at Buckeye and the proposed KDVA channel 295C3 allotment at Wenden. Maximum facilities for each class and uniform terrain were utilized. The 1 mV/m "gain" and "loss" areas are also indicated. Also shown are other aural (AM, FM) services available to the areas within the 1 mV/m contours.³ Figure 7 tabulates the AM and FM stations whose contours are shown on Figure 6. For FM stations the 1 mV/m contour is depicted, and

² The reference points of Peoria (N33°34'50", W112°14'12"), Phoenix (N33°26'54", W112°04'24") and Mesa (N33°25'20", W111°49'19") were obtained from the Geographic Names Information System.

³ The determination of available reception services was based on the criteria set forth in footnote 1 of the Notice of Proposed Rule Making in MM Docket No. 96-219 (DA 96-1774; adopted October 25, 1996, released November 1, 1996).

for AM station KTAR the nighttime-interference-free contour (NIF) is shown. The letters identify the AM and FM service contours of stations tabulated on Figure 7. Numbers indicate the number of available aural services.

As shown on Figure 6, the areas identified with a 1 or 2 in the gain area are currently "white" (0 aural services) and "grey" (1 aural service) areas, respectively. It has been determined that the white area within the gain area encompasses 193 square kilometers containing 0 persons and the grey area within the gain area encompasses 1,405 square kilometers containing 1,788 persons. The entire loss area will continue to receive at least 5 other aural services and is considered to be "well served".⁴

Population and Area within Gain and Loss Areas

Figure 8 is a tabulation of the land areas and estimated populations within the 1 mV/m FM primary service contours for the licensed KVVA-FM operation on channel 296C3 at Apache Junction, the proposed channel 296C1 allotment at Peoria, the licensed KDVA operation on channel 295A at Buckeye and the proposed KDVA channel 295C3 allotment at Wenden. Also tabulated are the gain, loss and "net" gain areas and the results of the reception service analyses for these areas. Adoption of the Petitioner's proposal will increase the number of persons within the KVVA-FM 1 mV/m contour from 1,500,995 persons to 3,128,906 persons, will result in a "net" increase in 1 mV/m coverage to 1,539,118 persons and will provide service to a grey area (1 aural service) containing 1,788 persons.

Coverage Contours

The FM predicted coverage contours were calculated in accordance with the provisions of Section 73.313, except

⁴ See Report and Order in MM Docket No. 97-242 (RM-9192, DA 98-190) at paragraph 3 (loss area will continue to receive at least three full time aural services which is considered to be well served).

that uniform terrain was presumed in all directions. Distances to AM contours were based on either nondirectional radiation pattern values or standard radiation pattern values obtained from the FCC's AM database. FCC Figure M-3 conductivity employed along all azimuths.

Population and Area

The population within each FM primary service contour (1 mV/m) and each gain, loss, reception and interference area was calculated using a computer program that utilizes the 2000 U.S. Census database of "population centroids". The program adds the populations of those U.S. Census designated areas whose centroid was within each service area. The area within each FM primary service contour was calculated using a root mean square algorithm.

Conclusion

Channel 296C1 can be reallocated from Apache Junction, Arizona to Peoria, Arizona in compliance with all applicable Commission Rules. Station KDVA can be upgraded to channel 295C3 and reallocated from Buckeye, Arizona to Wenden, Arizona in compliance with all applicable Commission rules. Station KLNZ on channel 278C can be reallocated from Glendale to Buckeye in compliance with all applicable Commission rules. Channel 229C3 can be substituted for vacant channel 297C3 at Aguila, Arizona in compliance with all applicable Commission rules. The proposal will result in first local aural service to Peoria. The proposal will not remove the only local service at Apache Junction as Class D AM station KCKY at Coolidge, Arizona has filed a major change application to change its city of license from Coolidge to Apache Junction. Furthermore, Coolidge will not be deprived of its sole local service as noncommercial educational FM station KCOO is currently authorized to operate on channel 210C at Coolidge. In addition, the proposal will provide a second aural service (gray area) to 1,788 persons. The number of persons within the KVVA-FM 1 mV/m contour will increase from 1,500,995 persons to

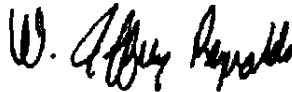
du Treil, Lundin & Rackley, Inc.

Consulting Engineers

Page 11

Apache Junction, Peoria, Buckeye, Wenden and Aguila, Arizona

3,128,906 persons, and there will be a "net" increase in 1 mV/m coverage to 1,539,118 persons. The proposal will not create any underserved loss area. Therefore, Petitioner requests the reallocation of channel 296C1 to Peoria and the modification of the Petitioner's license to specify operation on channel 296C1 at Peoria.



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January 30, 2004

CDBS FM SEPARATION STUDY

Job Title: Proposed KVVA, Peoria, AZ
Channel: 296 C1

Separation Buffer: 32 km
Coordinates: 333547 1120531

Call Id	City St	File Status Num	Channel Freq	ERP HAAT	DA Id	Latitude Longitude	73 215	Bear	Dist. (km)	Req. (km) 215 207
KKMR 2740	ARIZONA AZ	CIT BPH APP C 20000323ACA	293 C3 106.5	8.600 168	N	32-59-46 111-45-28	Y	155.0	73.49 -2.51	70.0 76.0 Short ¹
KKMR 2740	ARIZONA AZ	CIT RSV C	293 C 106.5	0.000		32-56-39 111-42-00		153.2	81.03 -23.97	99.0 105.0 Short ²
KKMR 2740	ARIZONA AZ	CIT RSV C	293 C3 106.5	0.000		32-56-39 111-42-00		153.2	81.03 5.03	70.0 76.0 Close
KKMR 2740	ARIZONA AZ	CIT BPH APP C 20000323ACA	293 C3 106.5	8.600 168	N	32-51-01 111-56-23	Y	170.3	83.96 7.96	70.0 76.0 Close
KKMR 2740	ARIZONA AZ	CIT BPH APP C 20000323ACA	293 C3 106.5	8.600 168	N	32-49-29 111-59-23	Y	173.6	86.11 10.11	70.0 76.0 Close ³
KKMR 2740	ARIZONA AZ	CIT BLH LIC C 19970102KC	293 A 106.5	6.000 89	N	32-50-04 111-38-15	N	153.4	94.53 19.53	69.0 75.0 Clear
KPPV 53414	PRESCOTT AZ	VA BLH LIC C 19930204KB	294 C2 106.7	3.700 493	N	34-29-25 112-32-00	N	337.9	107.20 28.20	73.0 79.0 Clear
KDVA 2750	BUCKEYE AZ	BLH LIC C 19980814KB	295 A 106.9	6.000 93	N	33-27-01 112-35-58	N	251.1	49.85 -83.15	111.0 133.0 Short ⁴
Applicant Requests Allotment be Downgraded from Class C2 to Class A --, Accepted by Mexico as Class B on 940215										
KDVA 2750	WENDEN AZ	PROPOSED	295 C3 106.9			33-49-06 113-37-46		280.2	144.64 0.64	133.0 144.0 Close ⁴

¹ This KKMR application was amended on 11/17/2000 to a site which is fully-spaced to the proposed KVVA allotment site at Peoria.

² A review of the FCC's CDBS as well as the "old" FM database indicates that the channel 293C allotment reservation for KKMR at Arizona City, AZ is incorrect and should be a reservation for channel 293C3.

³ Amended KKMR application which is fully-spaced to the proposed KVVA allotment site at Peoria.

⁴ As part of this Petition, the licensee of KDVA proposes the upgrade of KDVA to channel 295C3 and the reallocation from Buckeye, AZ to Wenden, AZ which will eliminate this short-spacing. See Technical Narrative, Figure 2.

Call Id	City St	File Status Num	Channel Freq	ERP HAAT	DA Id	Latitude Longitude	73 215	Bear	Dist. (km)	Req. (km) 215 207
KVVA-F 1331	APACHE JUNC AZ LIC C	BLH 19961025KB	296 C3 107.1	23.500 102	N	33-26-48 111-37-32	N	110.9	46.40 -164.60	200.0 211.0 Short ⁵

95212	PIMA AZ VAC C		296 A 107.1	0.000	N	32-53-36 109-49-42	N	109.8	224.91 24.91	178.0 200.0 Clear
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A filing window for this Channel will be opened by the Commission in a subsequent order.,
Proposed as Class B to Mexico 971031-Accepted by Mexico 980330

KNKK 78087	NEEDLES CA LIC C	BLH 20020708AAZ	296 C1 107.1	16.500 582	N	35-01-58 114-21-57	N	308.0	263.05 18.05	224.0 245.0 Clear
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96185	CIUDAD MORE BN C		296 B 107.1	0 000	N	32-38-00 114-51-00	N	248.1	278.25 8.25	178.0 270.0 Close
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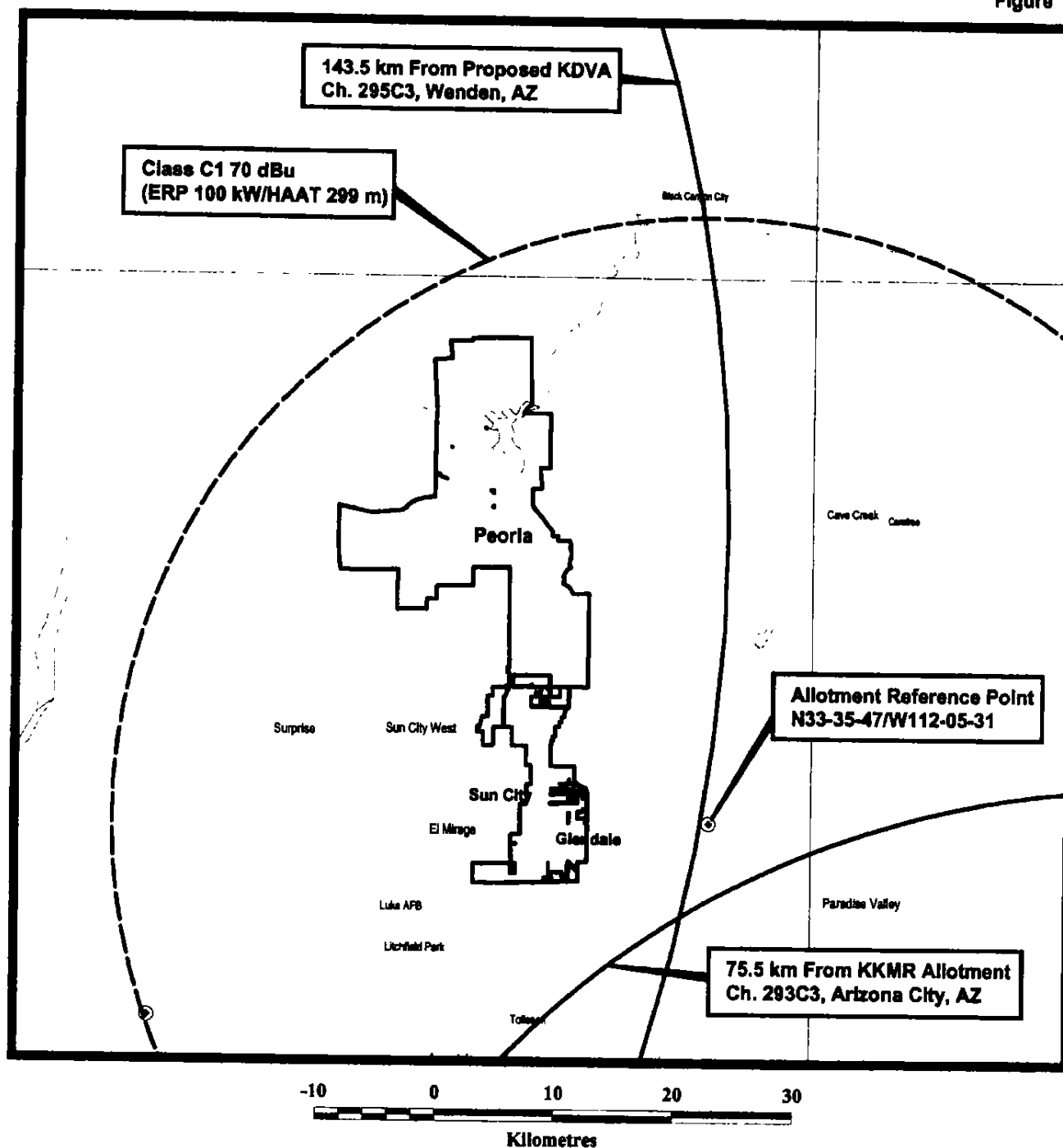
	AGUILA AZ VAC C	RM 10016	297 C3 107.3	0.000		33-56-34 113-10-24		291.4	107.29 -36.71	133.0 144.0 Short ⁶
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2/23/02: sent to Mexico 6/12/01 3/27/02: Accepted on Channel 297B1 by Mexico by
letter dated March 1, 2002. No limitations imposed, not specially negotiated., add'l.
consid.; petition for recon. filed

⁵ Existing KVVA-FM site. Requested reallocation of channel 296C1 to Peoria, AZ is mutually exclusive with Petitioner's current channel 296C3 allotment at Apache Junction, AZ.

⁶ This short-spacing will be eliminated by the substitution of channel 229C3 for vacant channel 297C3 at Aguila, AZ. See Technical Narrative and Figure 4.

Figure 1B



AREA-TO-LOCATE

CHANNEL 296C1
PEORIA, ARIZONA

du Treil, Lundin & Rackley, Inc. Sarasota, Florida

CDBS FM SEPARATION STUDY

Job Title: Proposed KDVA, Wenden, AZ
Channel: 295 C3

Separation Buffer: 32 km
Coordinates: 334906 1133746

Call Id	City St	File Status Num	Channel Freq	ERP HAAT	DA Id	Latitude Longitude	73 215	Bear	Dist. (km)	Req. (km) 215	207
94988	SALOME AZ	VAC C	241 A 96.1	0.000	N	33-46-54 113-36-42	N 158.1	4.39 -7.61	0.0	12.0	Short ¹
0	WICKENBURG AZ	RM RSV C 10344	242 C 96.3	0.000		33-54-15 112-59-02	80.7	60.49 29.49	0.0	31.0	Clear
2/23/02: sent to Mexico 2/25/02 Referred to Mexico by letter dated June 3, 2002. approved by Mexico 8/1/02, Upgrade requires substitution at Salome, AZ.											
KSWG 11216	WICKENBURG AZ	BPH APP C 20030327AEH	242 C 96.3	100.000 600	N	33-54-17 112-58-22	N 80.8	61.52 30.52	0.0	31.0	Clear
KPPV 53414	PRESCOTT AZ	VA BLH LIC C 19930204KB	294 C2 106.7	3.700 493	N	34-29-25 112-32-00	N 53.2	125.59 8.59	106.0	117.0	Close
KDVA 2750	BUCKEYE AZ	BLH LIC C 19980814KB	295 A 106.9	6.000 93	N	33-27-01 112-35-58	N 112.9	103.92 -38.08	119.0	142.0	Short ²
Applicant Requests Allotment be Downgraded from Class C2 to Class A --, Accepted by Mexico as Class B on 940215											
KVVA 1331	PEORIA AZ	PROPOSED	296 C1 107.1		N	33-35-47 112-05-31	N 99.4	144.64 0.64	133.0	144.0	Close ³
KNKK 78087	NEEDLES CA	BLH LIC C 20020708AAZ	296 C1 107.1	16.500 582	N	35-01-58 114-21-57	N 333.6	150.77 6.77	133.0	144.0	Close
96185	CIUDAD MORE BN	C	296 B 107.1	0.000	N	32-38-00 114-51-00	N 221.1	173.90 28.90	72.0	145.0	Clear
0	AGUILA AZ	RM VAC C 10016	297 C3 107.3	0.000		33-56-34 113-10-24	71.7	44.40 1.40	37.0	43.0	Close ⁴
2/23/02: sent to Mexico 6/12/01 3/27/02: Accepted on Channel 297B1 by Mexico by letter dated March 1, 2002. No limitations imposed, not specially negotiated., add'l. consid.; petition for recon. filed											

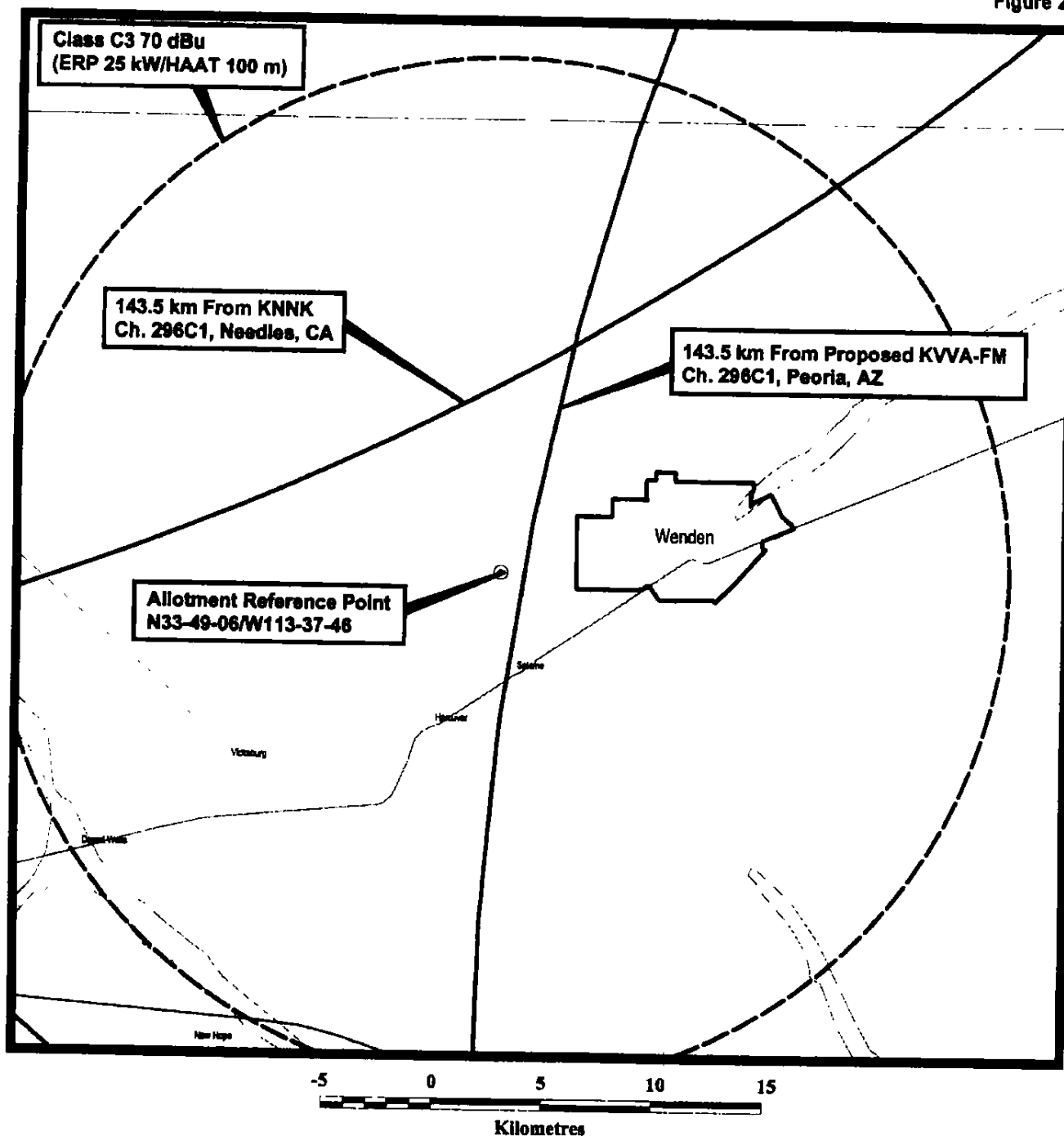
¹ The vacant channel 241A allotment at Salome was modified to channel 270A as a result of the Report and Order in MM Docket No. 01-345.

² Existing KDVA site. Requested reallocation of channel 295C3 to Wenden, AZ is mutually exclusive with KDVA's current channel 295A allotment at Buckeye, AZ.

³ Petitioner proposes the upgrade of KVVA-FM to channel 296C1 and the reallocation from from Apache Junction, AZ to Peoria, AZ. See Technical Narrative, Figure 1.

⁴ Petitioner proposes the substitution of channel 229C3 for vacant channel 297C3 at Aguila, AZ. See Technical Narrative and Figure 4.

Figure 2B



AREA-TO-LOCATE

WENDEN, ARIZONA
CHANNEL 295C3

du Treil, Lundin & Rackley, Inc. Sarasota, Florida

CDBS FM SEPARATION STUDY

Job Title: Proposed KLNZ, Buckeye, Arizona
Channel: 278 C

Separation Buffer: 32 km
Coordinates: 333533 1123449

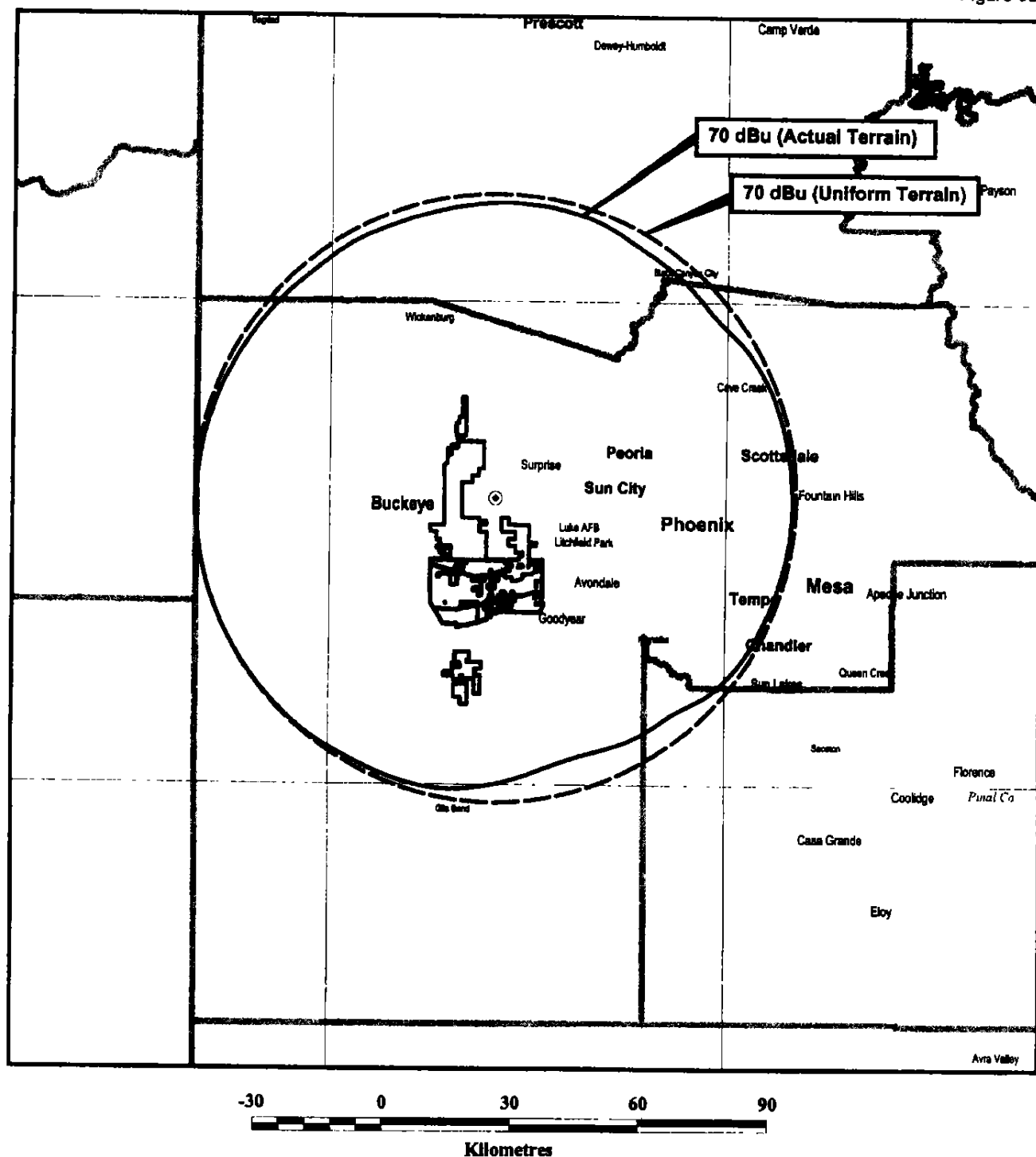
Call Id	City St	File Status Num	Channel Freq	ERP HAAT	DA Id	Latitude Longitude	73 215	Bear	Dist. (km)	Req. (km) 215	207
KRCI 77750	BAGDAD AZ	RSV C	276 C2 103.1	0.000		34-26-05 113-22-15		322.3	118.57 13.57	96.0 Close	105.0
KRCI 77750	BAGDAD AZ	BLH LIC C 20020411AAI	276 C3 103.1	4.900 226	Y 40185	34-32-56 113-14-05	Y	330.6	122.08 26.08	90.0 Clear	96.0
KRCI 77750	BAGDAD AZ	BPH CP C 20031003ACH	276 C3 103.1	0.900 393	N	34-33-25 113-16-00	Y	329.7	124.33 28.33	90.0 Clear	96.0
	SELIGMAN AZ	RM DEL C 10551	277 A 103.3	0.000		35-19-26 112-45-55		355.0	192.81 27.81	142.0 Clear	165.0
KZKE 56339	SELIGMAN AZ	BMLH LIC C 20020917ABI	277 A 103.3	3.700 129	N	35-19-26 112-45-55	N	355.0	192.81 27.81	142.0 Clear	165.0
	SELIGMAN AZ	RM DEL C *dd011	277 A 103.3	0.000		35-19-26 112-45-55		355.0	192.81 27.81	142.0 Clear	165.0
KLNZ 48738	GLENDALE AZ	BMLH LIC C 19980406KB	278 C 103.5	62.000 740	N	33-35-33 112-34-49	N	95.0	0.00 -290.00	270.0 Short ¹	290.0
	TAYLOR AZ	RM VAC C 9987	278 C3 103.5	0.000		34-27-54 110-05-26		66.4	249.48 12.48	226.0 Close	237.0
XHRZFM 94604	NOGALES SO	C	278 B 103.5	3.020 -83	N	31-19-28 110-56-47	N	148.3	295.08 25.08	270.0 Clear	270.0
XHRZFM 94604	NOGALES SO	C	278 B 103.5	0.000	N	31-19-28 110-56-47	N	148.3	295.08 25.08	270.0 Clear	270.0
122054	FLAGSTAFF AZ	VAC C	279 C3 103.7	0.000	N	35-17-19 111-38-26	N	24.3	207.02 31.02	165.0 Clear	176.0
KEDJ 54944	GILBERT AZ	BMLH LIC C 20000120AAS	280 C2 103.9	50.000 150	N	33-14-50 111-31-49	N	111.2	104.90 -0.10	96.0 Close	105.0
	GILBERT AZ	RM DEL C *dd-0273-11	280 C2 103.9	0.000		33-14-50 111-31-49		111.2	104.90 -0.10	96.0 Close	105.0

¹ Existing KLNZ site. Requested reallocation of channel 278C to Buckeye, AZ is mutually exclusive with Petitioner's current channel 278C allotment at Glendale, AZ.

Figure 3A
Sheet 2 of 2

Call Id	City St	File Status Num	Channel Freq	ERP HAAT	DA Id	Latitude Longitude	73 215	Bear	Dist. (km)	Req. (km) 215 207
KEDJ 54944	GILBERT AZ APP C	BPH 20030519ADN	280 C2 103.9	32.000 185	Y 59293	33-14-50 111-31-49	N	111.2	104.90 -0.10	96.0 105.0 Close
	GILBERT AZ ADD C	RM 10551	280 C1 103.9	0.000		33-25-39 111-28-03		99.8	105.00 0.00	99.0 105.0 Close
	GILBERT AZ ADD C	RM *dd-0273-11	280 C1 103.9	0.000		33-25-39 111-28-03		99.8	105.00 0.00	99.0 105.0 Close
	GILBERT AZ DEL C	RM 10551	280 C2 103.9	0.000		33-23-59 111-26-45		101.2	107.57 2.57	96.0 105.0 Close
KFPB 109	CHINO VALLE AZ LIC C	BLH 19981015KA	280 C3 103.9	8.100 173	N	34-42-52 112-31-33	N	2.3	124.55 28.55	90.0 96.0 Clear
	CHINO VALLE AZ DEL C	RM 10551	280 C3 103.9	0.000		34-42-52 112-31-33		2.3	124.55 28.55	90.0 96.0 Clear
	CHINO VALLE AZ DEL C	RM *dd-0273-12	280 C3 103.9	0.000		34-42-52 112-31-33		2.3	124.55 28.55	90.0 96.0 Clear

Figure 3B



**CITY COVERAGE COMPLIANCE
STATION KLNZ
BUCKEYE, ARIZONA
CH 278C 62 KW 740 M**

du Treil, Lundin & Rackley, Inc. Sarasota, Florida

CDBS FM SEPARATION STUDY

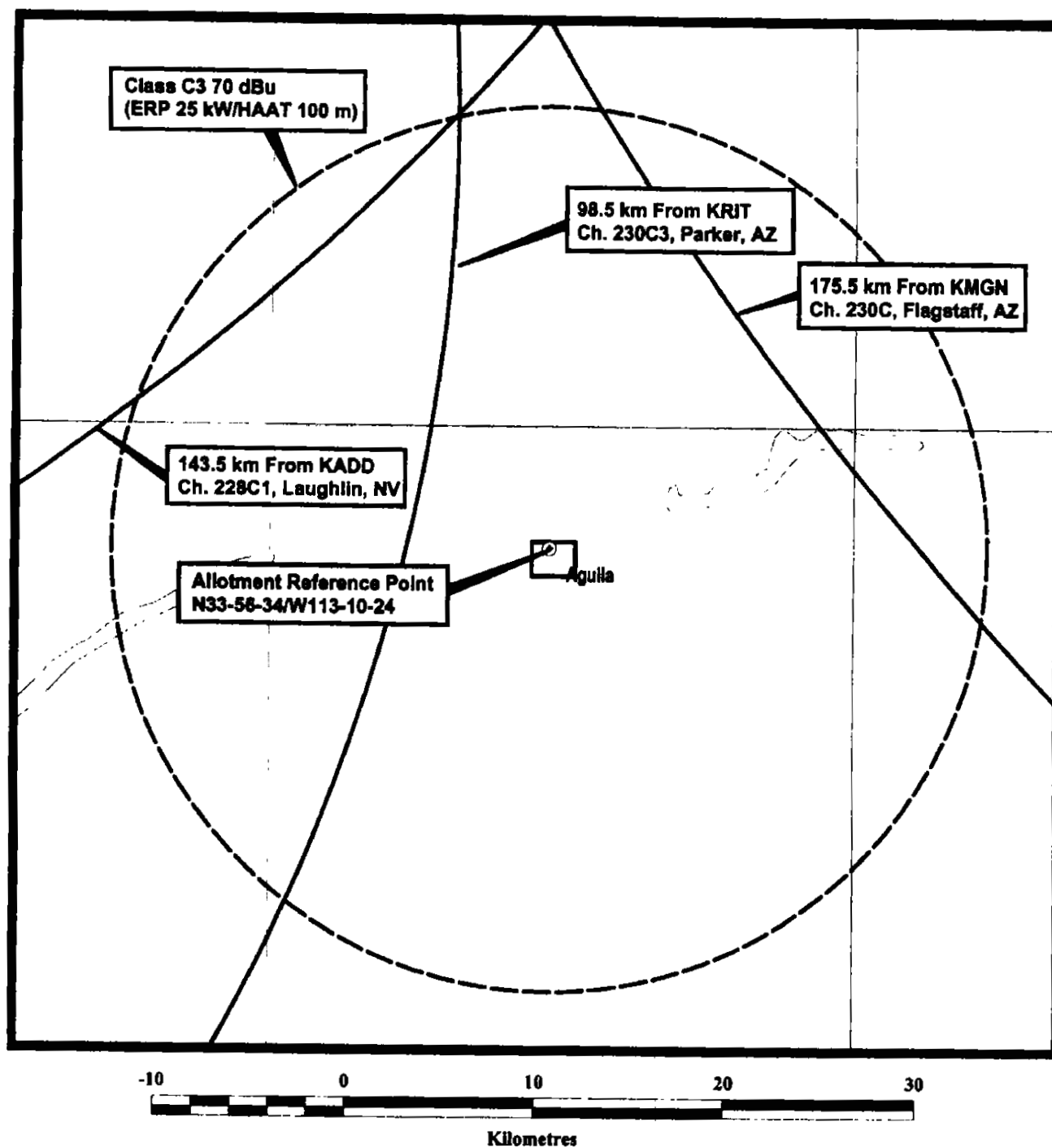
Job Title: Proposed Ch. 229C3, Aguila, AZ
 Channel: 229 C3

Separation Buffer: 32 km
 Coordinates: 335634 1131024

Call Id	City St	File Status Num	Channel Freq	ERP HAAT	DA Id	Latitude Longitude	73 215	Bear	Dist. (km)	Req. (km) 215 207
KDKB 41299	MESA AZ	BMLH LIC C 19881017KC	227 C 93.3	100.000 469	N	33-20-04 112-03-36	N	123.0	123.38 27.38	90.0 96.0 Clear
KADD 72528	LAUGHLIN NV	BLH LIC C 19971104KG	228 C1 93.5	2.750 576	N	35-01-58 114-21-57	N	318.3	163.15 19.15	133.0 144.0 Clear
	LAUGHLIN NV	RM DEL C 10327*	228 C1 93.5	0.000		35-01-58 114-21-57		318.3	163.15 19.15	133.0 144.0 Clear
	MOHAVE VALL AZ	RM ADD C 10327*	229 A 93.7	0.000		34-55-40 114-35-51		310.4	170.51 28.51	119.0 142.0 Clear
	MOHAVE VALL AZ	RM DEL C *dd011	229 A 93.7	0.000		34-55-40 114-35-51		310.4	170.51 28.51	119.0 142.0 Clear
KRQQ 53591	TUCSON AZ	BLH LIC C 19870909KD	229 C 93.7	94.000 619	Y 13797	32-14-56 111-06-57	N	133.9	268.67 31.67	226.0 237.0 Clear
	PARKER AZ	RM DEL C KS221	230 C3 93.9	0.000		34-08-30 114-17-50		282.4	106.10 7.10	89.0 99.0 Close
	PARKER AZ	RM DEL C *dd011	230 C3 93.9	0.000		34-08-30 114-17-50		282.4	106.10 7.10	89.0 99.0 Close
KRIT 88674	PARKER AZ	BLH LIC C 20021210ABV	230 C3 93.9	7.600 -47	N	34-08-30 114-17-50	N	282.4	106.10 7.10	89.0 99.0 Close
KMGN 49688	FLAGSTAFF AZ	BMLH LIC C 19940818KG	230 C 93.9	100.000 460	N	34-58-08 111-30-28	N	52.8	190.73 14.73	165.0 176.0 Close
KSWG 11216	WICKENBURG AZ	BLH LIC C 19970128KB	231 C3 94.1	6.400 197	Y 14925	33-55-34 112-47-40	Y	92.9	35.08 -7.92	37.0 43.0 Short ¹

¹ The FCC substituted channel 242C for channel 231C3 at Wickenburg and modified the license of KSWG accordingly by the Report and Order in MM Docket 01-345 (effective June 3, 2002).

Figure 4B

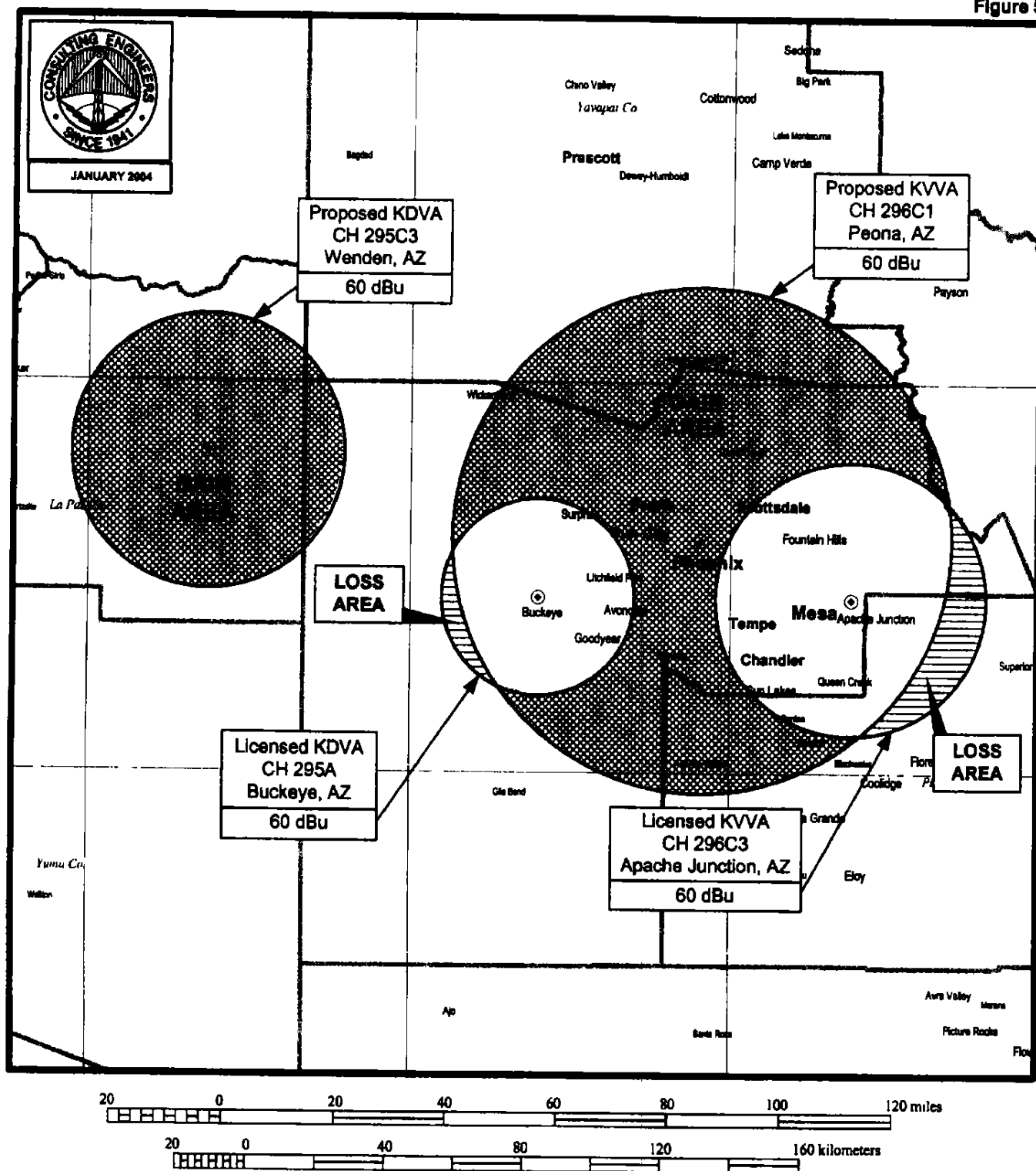


AREA-TO-LOCATE

AGUILA, ARIZONA
CHANNEL 229C3

du Treil, Lundin & Rackley, Inc. Sarasota, Florida

Figure 5



60 dBu GAIN/LOSS AREAS

STATION KVVA-FM
PEORIA, ARIZONA
CHANNEL 296C1

du Treil, Lundin & Rackley, Inc. Sarasota, Florida

[illegible]

**STATION KVVA-FM
PEORIA, ARIZONA
CHANNEL 296C1**

du Treil, Lundin & Rackley, Inc. Sarasota, Florida

Figure 7

**STATION KVVA-FM
PEORIA, ARIZONA
CHANNEL 296C1**

FM Stations

ID	Channel #	Call Sign	City	State	ERP	HAAT
A	202C1	KPHF	PHOENIX	AZ	22.5	297
B	208C	KBAQ	PHOENIX	AZ	12.5	706
C	215C	KGCB	PRESCOTT	AZ	58	772
D	222C	KKFR	GLENDALE	AZ	100	500
E	227C	KDKB	MESA	AZ	100	469
F	230C3	KRIT	PARKER	AZ	7.6	-47
G	231C3	KSWG	WICKENBURG	AZ	6.4	197
H	232A	KBUX	QUARTZSITE	AZ	0.205	-49
I	233C	KOOL-F	PHOENIX	AZ	100	504
J	236C	KFMR	SUN CITY WEST	AZ	36	792
K	238C	KYOT-F	PHOENIX	AZ	100	479
L	240C1	KZGL	COTTONWOOD	AZ	9	760
M	245C	KMXP	PHOENIX	AZ	100	475
N	247	VACANT	PARKER	AZ		
O	247C2	KRXS-F	GLOBE	AZ	0.64	1039
P	250C	KUPD	TEMPE	AZ	100	494
Q	252C2	KKLD	PRESCOTT VALLEY	AZ	0.88	776
R	254C	KKLT	PHOENIX	AZ	100	545
S	257	VACANT	PAYSON	AZ		
T	257C2	KVEZ	PARKER	AZ	10	287
U	260C	KESZ	PHOENIX	AZ	100	519
V	262C	KMRR	GLOBE	AZ	90	624
W	264C	KSLX-F	SCOTTSDALE	AZ	100	561
X	266C0	KRRK	LAKE HAVASU CITY	AZ	20	822
Y	266C1	KNRJ	PAYSON	AZ	82	326
Z	268C	KZON	PHOENIX	AZ	100	530
ZZ	270	VACANT	SALOME	AZ		
AA	271C	KAHM	PRESCOTT	AZ	58	770
BB	273C	KNIX-F	PHOENIX	AZ	100	494
CC	275	VACANT	QUARTZSITE	AZ		
DD	276C1	KCDX	FLORENCE	AZ	2.7	932
EE	278C	KLNZ	GLENDALE	AZ	62	740
FF	280C2	KEDJ	GILBERT	AZ	50	150
GG	282C	KAJM	PAYSON	AZ	100	600
HH	284C	KZZP	MESA	AZ	100	472
II	287C2	KHOV-F	WICKENBURG	AZ	6	416
JJ	288C2	KLVA	CASA GRANDE	AZ	50	150
KK	290C2	KHOT-F	PARADISE VALLEY	AZ	36	176
LL	292C2	KOMR	SUN CITY	AZ	23	221
MM	294C2	KPPV	PRESCOTT VALLEY	AZ	3.7	493
NN	296C3	KVVA-F	APACHE JUNCTION	AZ	23.5	102
NN	297	VACANT	AGUILA	AZ		
OO	300C	KMLE	CHANDLER	AZ	100	529

AM Station

ID	Call Sign	Location	Authorized Facilities		
PP	KTAR	Phoenix, AZ	620 kHz	5 KW-N	DA-N

PEORIA, ARIZONA
CHANNEL 296C1

Tabulation of Areas, Populations
And Reception Services Within 1 mV/m Coverage Contours

I. Population and Land Area Within 1 mV/m Contours

Facilities	Within 1 mV/m Contour	
	2000 Census Population	Area (km ²)
Authorized Ch 296C3 Apache Junction, AZ	1,500,995	4,778
Authorized Ch 295A Buckeye, AZ	92,192	2,463
Proposed Ch 296C1 Peoria, AZ	3,128,906	16,280
Proposed Ch 295C3 Wenden, AZ	3,447	4,778

II. Population and Land Area Within Gain and Loss Areas

Area	Within 1 mV/m Contour	
	2000 Census Population	Area (km ²)
Gain	1,540,864	14,677
Loss	1,746	867
"Net" Gain	1,539,118	13,810

III. Available Reception Services Within Gain and Loss Areas

Area	No. of Services	Within 1 mV/m Contour	
		2000 Census Population	Area (km ²)
Gain	5 or more	1,537,928	10,001
	4	25	493
	3	384	1,074
	2	739	1,511
	1	1,788	1,405
	0	0	193
Total		1,540,864	14,677

Area	No. of Services	Within 1 mV/m Contour	
		2000 Census Population	Area (km ²)
Loss	5 or more	1,746	867
Total		1,746	867